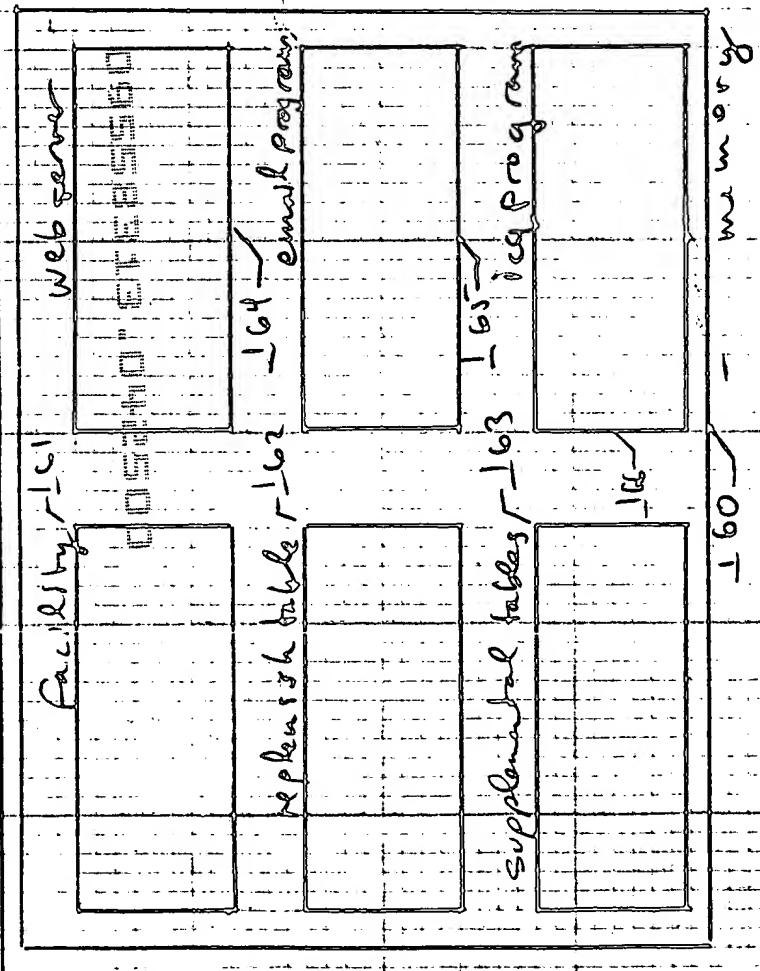
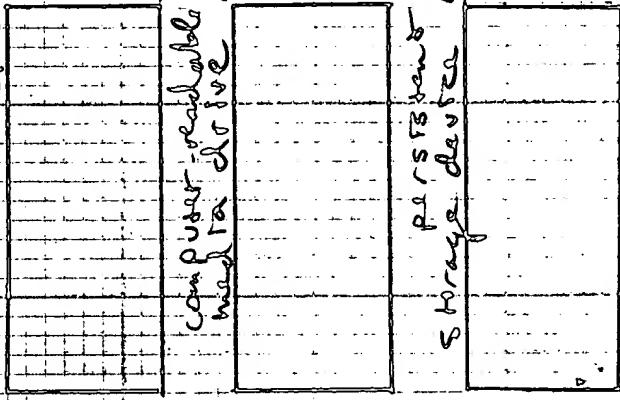


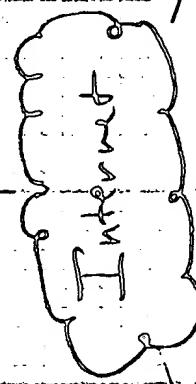
CPU - 1



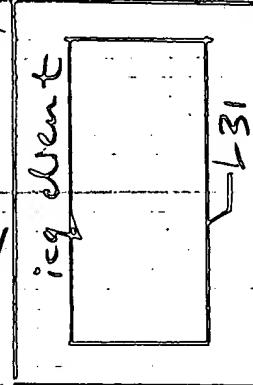
150

server computer system

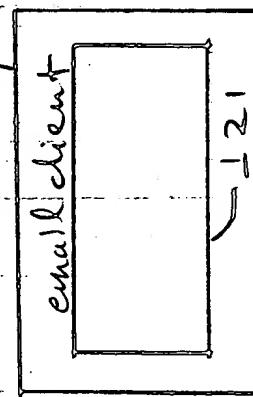
140



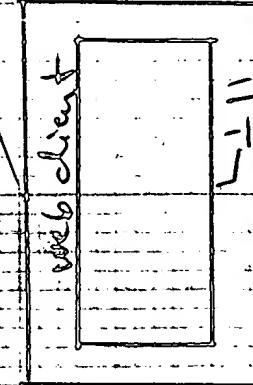
130



120



110



customized computer system

customized computer system

customized computer system

200

ACME Web Merchants

Mr. King:

According to our records, it is likely now time for you to replenish the following items:

Quantity	Description	Unit Price	Delivery Date
<input type="checkbox"/> 1	Pinnacle shaving gel - 12 oz. can	\$ 1.69	11/30/99
<input type="checkbox"/> 2	Freshest 2% milk - 1/2 gallon carton	\$ 2.10	11/30/99
<input type="checkbox"/> 3			12/1/00

Please select one of the following delivery dates. The quantity of the item selected will be shipped on the date indicated.

Order as above	Order as above	Order as above
<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input type="checkbox"/> 3

Please select one of the following options, first. The quantity of the item selected will be shipped on the date indicated.

Order as above	Order as above	Order as above
<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3

remind me again in a few days

order as above

no thanks

FIG 2

replenish table 300

target date	customer identifier	item identifier	quantity	replenishment interval
311	11/30/99	15	110	1 48 days
312	11/30/99	15	220	1 10 days
313	12/1/99	23	9994	2 n/a

301 302 303 304 305

FIG 3

item table 400

item identifier	description	unit price
411 110	Pinnacle shaving gel - 12 oz. can	\$1.69
412 220	Tabletto PDA	\$395.95
413 9994	Freshest 2% milk - 1/2 gallon	\$2.10

401 402 403

FIG 4

customer table 500

customer identifier	customer name	contact information type	contact information
511 15	Mr. King	email address	king@connect.net
512 17	Ms. Pierce	website cookie	17
513 23	Mr. Pope	icq address	20829745

501 502 503 504

FIG 5

Oregon

each day

6.01
identify rows of replenishable having target dates within a preselected window of current date

6.02
for each distinct customerIdentifier among identified rows

6.03
select rows among identified rows having customerIdentifier

6.04
deliver a replenishment suggestion to customer having customerIdentifier using selected rows and contents of supplemental tables

6.05
delete selected rows

response

6.06

order

6.07

place order for selected quantities of items

6.08
update selected rows in accordance with deferral

6.09

update selected rows in accordance with order

6.10
next distinct customerIdentifier

6.11

6.12

next day

F16-6